



Sheet 1 of 4

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. WARF-0235/ PO3170US	Application No. 10/755,966
		Applicant John P. Helgeson, et al.	
		Filing Date January 12, 2004	Group 1645
		Confirmation No. 3588	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MI	1	Anderson, P.A., et al., "Inactivation of the flax rust resistance gene <i>M</i> associated with loss of a repeated unit within the leucine-rich repeat coding region," <i>The Plant Cell</i> , 1997 , 9, 641-651	
MI	2	Ballvora, A., et al., "The <i>R1</i> gene for potato resistance to late blight (phytophthora infestans) belongs to the leucine zipper/NBS/LRR class of plant resistance genes," <i>The Plant Journal</i> , 2002 , 30(3), 361-371	
MI	3	Bent, A.F., et al., " <i>RPS2</i> of <i>Arabidopsis thaliana</i> : A leucine-rich repeat class of plant disease resistance genes," <i>Science</i> , 1994 , 265, 1856-1860	
MI	4	Black, W., et al., "Screening of solanum species for resistance to physiologic races of phytophthora infestans," <i>Am. Potato J.</i> , 1957 , 34, 273-281	
MI	5	Cearley, J.A., "Regeneration of <i>solanum tuberosum</i> CV. Katahdin from leaf explants <i>in vitro</i> ," <i>Am. Pot. J.</i> , 1997 , 74, 125-129	
MI	6	Fulton, T.M., et al., "Microprep protocol for extraction of DNA from tomato and other herbaceous plants," <i>Plant Mol. Biol. Rep.</i> , 1995 , 13(3), 207-209	
MI	7	Haberlach, G.T., et al., "Isolation, culture and regeneration of protoplasts from potato and several related <i>solanum</i> species," <i>Plant Sci.</i> , 1985 , 39, 67-74	
MI	8	Helgeson, J.P., et al., "Somatic hybrids between <i>Solanum bulbocastanum</i> and potato: a new source of resistance to late blight," <i>Theor. Appl. Genet.</i> , 1998 , 96, 738-742	
MI	9	Jansky, S., "Breeding for disease resistance in potato," <i>Plant Breed Rev.</i> , 2000 , 19, 69-155	
MI	10	Jones, J.D.G., et al., "Effective vectors for transformation, expression of heterologous genes, and assaying transposon excision in transgenic plants," <i>Transgenic Res.</i> , 1992 , 1, 285-297	
EXAMINER /Medina Ibrahim/		DATE CONSIDERED 09/13/2006	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. WARF-0235/ PO3170US	Application No. 10/755,966
		Applicant John P. Helgeson, et al.	
		Filing Date January 12, 2004	Group 1645
		Confirmation No. 3588	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MI	11	Kamoun, S., "Nonhost resistance to <i>phytophthora</i> : novel prospects for a classical problem," <i>Curr. Opin. Plant Biol.</i> , 2001 , <i>4</i> , 295-300	
MI	12	Kuhl, J.C., et al., "Characterization and mapping of <i>Rpi1</i> , a late-blight resistance locus from diploid (1EBN) Mexican <i>Solanum pinnatisectum</i> ," <i>Mol. Genet Genomics</i> , 2001 , <i>265</i> , 977-985	
MI	13	Malcolmson, J.F., et al., "New R genes in <i>Solanum demissum</i> lindl. And their complementary races of <i>phytophthora infestans</i> (Mont.) de bary," <i>Euphytica</i> , 1966 , <i>15</i> , 199-203	
MI	14	McGrath, J.M., et al., "Recombination of <i>Solanum brevidens</i> chromosomes in the second backcross generation from a somatic hybrid with <i>S. tuberosum</i> ," <i>Theor. Appl. Genet</i> , 1994 , <i>88</i> , 917-924	
MI	15	Naess, S.K., et al., "Analysis of the introgression of <i>Solanum bulbocastanum</i> DNA into potato breeding lines," <i>Mol. Genet Genomics</i> , 2001 , <i>265</i> , 694-704	
MI	16	Naess, S.K., et al., "Resistance to late blight in <i>Solanum bulbocastanum</i> is mapped to chromosome 8," <i>Theor. Appl. Genet</i> , 2000 <i>101</i> , 697-704	
MI	17	Parker, J.E., et al., "The Arabidopsis downy mildew resistance gene <i>RPP5</i> shares similarity to the toll and interleukin-1 receptors with <i>N</i> and <i>L6</i> ," <i>The Plant Cell</i> , 1997 , <i>9</i> , 879-894	
	18	Salaman, R.N., "Studies in potato breeding" <i>IV Conference Internationale de Génétique</i> , Paris, 1911 , 373-576	
MI	19	Shizuya, H., et al., "Cloning and stable maintenance of 300-kilobase-pair fragments of human DNA in <i>Escherichia coli</i> using an F-factor-based vector," <i>Proc. Natl. Acad. Sci. USA</i> , 1992 , <i>89</i> , 8794-8797	
MI	20	Song, J., et al., "Construction of a bacterial artificial chromosome (BAC) library for potato molecular cytogenetics research," <i>Genome</i> , 2000 , <i>43</i> , 199-204	
EXAMINER		/Medina Ibrahim/	DATE CONSIDERED 09/13/2006

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. WARF-0235/ PO3170US	Application No. 10/755,966
		Applicant John P. Helgeson, et al.	
		Filing Date January 12, 2004	Group 1645
		Confirmation No. 3588	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MI	21	Song, J., et al., "Gene RB cloned from solanum bulbocastanum confers broad spectrum resistance to potato late blight," <i>PNAS</i> , 2003, 101(16), 9128-9133 (abstract); GenBank Nos. AY303170, 30 pages and AY303171, 60 pages	
MI	22	Toxopeus, H.J., "Reflections on the origin of new physiologic races in phytophthora infestans and the breeding for resistance in potatoes," <i>Euphytica</i> , 1956, 5(3), 221-356	
MI	23	Umaerus, V., et al., "Inheritance of resistance to late blight," <i>Potato Genetics, CAB International</i> , Wallingford, UK, 1994, 365-401	
MI	24	Van der Vossen, E., et al., "Cloning of an <i>R</i> gene from Solanum bulbocastanum conferring complete resistance to Phytophthora infestans (abs)," <i>Plant Research International</i> , 2002, 1 page (Abstract from Global Initiative on Late Blight Conference: Late blight: Managing the Global Threat, Hamburg, Germany)	
MI	25	Wulff, B.B.H., et al., "Domain swapping and gene shuffling identify sequences required for induction of an Avr-dependent hypersensitive response by the tomato Cf-4 and Cf-9 proteins," <i>The Plant Cell</i> , 2001, 13, 255-272	
MI	26	Yuan, Q., et al., "Genome sequencing of a 239-kb region of rice chromosome 10L reveals a high frequency of gene duplication and a large chloroplast DNA insertion," <i>Mol. Genet Genomics</i> , 2002, 267, 713-720	
MI	27	Zhao, S., et al., "Mouse BAC ends quality assessment and sequence analyses," <i>Genome Res.</i> , 2001, 11, 1736-1745	
EXAMINER		/Medina Ibrahim/	DATE CONSIDERED 09/13/2006

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. WARF-0235/ PO3170US		Application No. 10/755,966	
				Applicant John P. Helgeson, et al.			
				Filing Date January 12, 2004		Group 1645	
				Confirmation No. 3588			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
MI	28	4,801,340	01/31/89	Inoue, et al.	148	103	
MI	29	2003/0221215	11/27/03	Allefs, et al.	800	279	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
MI	30	WO 99/05903 A1	02/11/99	PCT			
MI	31	WO 02/38727 A3	05/16/02	PCT			
MI	32	WO 03/066675 A1	08/14/03	PCT			
EXAMINER /Medina Ibrahim/				DATE CONSIDERED		09/13/2006	